

ABSTRACT

A method for producing a structured material for accommodating passage of fluids, particularly high viscosity fluids, through the structured material.

In one embodiment, the structured material is a composite material formed of a first
5 layer, for example a polypropylene polymer, having a first shrinkage extent and a
second layer bonded to the first layer, for example an ethylene-propylene copolymer,
having a second shrinkage extent different from the first shrinkage extent. In another
embodiment, a structured heterogenous material is made of a heterogeneous mixture
of at least two homogeneous fiber sets or components having different shrinkage
10 extents.